

ATTACHMENT A

Clean Replacement/New Claims (entire set of pending claims)

Following herewith is a clean copy of the entire set of pending claims.

1. An apparatus for avoiding ocular muscular fatigue comprising:
a binocular light converging means comprising two optical elements for converging incident light, thereby reducing ocular convergence demand when said apparatus is worn by a user, wherein each of said optical elements comprising a spherical optical wedge with a base, said it bases being adjacent thereby forming base-in prisms.
2. An apparatus for avoiding ocular muscular fatigue comprising:
a binocular light converging means comprising two optical elements for converging incident light, thereby reducing ocular convergence demand when said apparatus is worn by a user; and
adjustment means for adjusting the separation of said optical elements according to pupil separation of a user.
3. An apparatus for avoiding ocular muscular fatigue comprising a binocular light converging means comprising two optical elements for converging incident light, thereby reducing ocular convergence demand when said apparatus is worn by a user, wherein said optical elements are 0.2 to 10 bass lenses.
4. An apparatus for avoiding ocular muscular fatigue comprising a binocular light converging means comprising two optical elements for converging incident light, thereby reducing ocular convergence demand when said apparatus is worn by a user, wherein said optical elements are additionally prescription lenses.
5. (amended) An apparatus as claimed in claim 1, wherein said binocular light converging means is integral.

6. (amended) An apparatus as claimed in claim 1, wherein said binocular light converging means is of polycarbonate, acrylic or some other polymeric plastic material.

7. (amended) An apparatus as claimed in claim 1, wherein said binocular light converging means is a magnifying binocular light converging means.

8. (amended) An apparatus as claimed in claim 1, wherein said binocular light converging means includes or is additionally at least one colour filter.

9. (amended) An apparatus as claimed in claim 1, wherein said binocular light converging means includes or is additionally at least one colour filter, and said at least one colour filter reduces the intensity of transmitted yellow light.

10. (amended) An apparatus as claimed in claim 1, wherein said apparatus includes adjustment means whereby the separation of the optical elements can be adjusted according to pupil separation of a user.

11. (amended) An apparatus as claimed in claim 1, wherein said light converging means comprises two lenses.

12. (amended) An apparatus as claimed in claim 2, wherein each of said optical elements comprises an optical wedge with a base, wherein said bases of said lenses are adjacent thereby forming base-in prisms.

13. (amended) An apparatus as claimed in claim 2, wherein each of said optical elements comprises a spherical optical wedge with a base, and said bases of said lenses are adjacent thereby forming base-in prisms.

14. (amended) An apparatus as claimed in claim 1, wherein said optical elements are 0.2 to 10 base lances..

15. (amended) An apparatus as claimed in claim 1, wherein said optical elements are 0.25 to 1.5 base lenses.

16. (amended) An apparatus as claimed in claim 1, wherein said optical elements are approximately 0.5 base lenses.

17. (amended) An apparatus as claimed in claim 1, wherein said optical elements are additionally prescription lenses.

18. (amended) An apparatus as claimed in claim 1, wherein said optical elements are lenses provided as a pair of spectacles.

19. A method for reducing ocular muscular fatigue due to convergence demand comprising converging light prior to said light's incidence on a user's eyes by means of a pair of optical elements each comprising a spherical optical wedge with a base, wherein said bases of said optical elements are adjacent thereby forming base-in prisms.

20. A method for reducing ocular muscular fatigue due to convergence demand comprising converging light prior to said light's incidence on a user's eyes by means of a pair of optical elements, wherein each of said optical elements comprises an optical wedge with a base, said bases of said optical elements are adjacent thereby forming base-in prisms, and said lenses are 0.2 to 10 base lenses.

21. A method for reducing ocular muscular fatigue due to convergence demand comprising converging light prior to said light's incidence on a user's eyes by means of a pair of optical elements, wherein optical elements are additionally prescription lenses.

22. A method for reducing ocular muscular fatigue due to convergence demand comprising converging light prior to said light's incidence on a user's eyes by means of

a pair of optical elements, and adjusting the separation of the optical elements according to pupil separation of a user.

23. (amended) A method as claimed in claim 19, wherein said optical elements are integral with each other.

24. (amended) A method as claimed in claim 19, wherein said optical elements are magnifying optical elements.

25. (amended) A method as claimed in claim 19, wherein said optical elements are a pair of lenses.

26. (amended) A method as claimed in claim 19, wherein said optical elements are a pair of lenses each of which comprises an optical wedge with a base, wherein said bases of said lenses are adjacent thereby forming base-in prisms.

27. (amended) A method as claimed in claim 19, wherein said optical elements are a pair of lenses each of which comprises a spherical optical wedge with a base, wherein said bases of said lenses are adjacent thereby forming base-in prisms.

28. (amended) A method as claimed in claim 19, wherein said optical elements are 0.2 to 10 base lenses.

29. (amended) A method as claimed in claim 19, wherein said optical elements are 0.25 to 1.5 base lenses.

30. (amended) A method as claimed in claim 19, wherein said optical elements are approximately 0.5 base lenses.

31. (amended) A method as claimed in claim 19, wherein said optical elements are additionally prescription lenses.

32. (amended) A method as claimed in claim 19, wherein said optical elements are additionally colour filters.

33. (amended) A method as claimed in claim 19, wherein said optical elements are additionally colour filters that reduce the intensity of transmitted yellow light.

34. (amended) A method as claimed in claim 19, wherein the method includes adjusting the separation of the optical elements according to pupil separation of a user.

35. (amended) A method as claimed in claim 19, including providing said optical elements as a pair of spectacles.

36. (amended) A pair of spectacles for avoiding ocular muscular fatigue comprising a pair of convergent lenses for converging incident light, thereby reducing ocular convergence demand when said spectacles are worn by a user, each of said lenses comprising a spherical optical wedge with a base, wherein said bases of said lenses are adjacent thereby forming base-in prisms.

37. (amended) A pair of spectacles for avoiding ocular muscular fatigue comprising a pair of convergent lenses for converging incident light, thereby reducing ocular convergence demand when said spectacles are worn by a user, wherein said lenses are 0.2 to 10 base lenses.

38. (amended) A pair of spectacles for avoiding ocular muscular fatigue comprising a pair of convergent lenses for converging incident light, thereby reducing ocular convergence demand when said spectacles are worn by a user, wherein said spectacles are additionally prescription spectacles.

39. (amended) A pair of spectacles for avoiding ocular muscular fatigue comprising:

a pair of convergent lenses for Converging incident light, thereby reducing ocular convergence demand When said spectacles are worn by a user; and adjustment means whereby the lenses, Separation can be adjusted according to pupil separation of a user.

40. (amended) A pair of spectacles as claimed in claim 36, wherein said lenses are 0.25 to 1.5 base lenses.

41. (amended) A pair of spectacles as claimed in claim 36, wherein said lenses approximately 0.5 base lenses.

42. (amended) A pair of spectacles as claimed in claim 36, wherein said lenses are integral with each other.

43. (amended) A pair of spectacles as claimed in claim 36, wherein said lenses are magnifying lenses.

44. (amended) A pair of spectacles as claimed in claim 36, wherein said spectacles are additionally prescription spectacles.

45. (amended) A pair of spectacles as claimed in claim 36, wherein said spectacles include, or said lenses additionally comprise, one or more colour filters.

46. (amended) A pair of spectacles as claimed in claim 36, wherein spectacles include, or said lenses additionally comprise, one or more colour filters, and said one or more colour filters reduce the intensity of transmitted yellow light.

47. (amended) A pair of spectacles as claimed in claim 36, wherein the spectacles are provided with adjustment means whereby the lenses, separation can be adjusted according to pupil separation of a user.